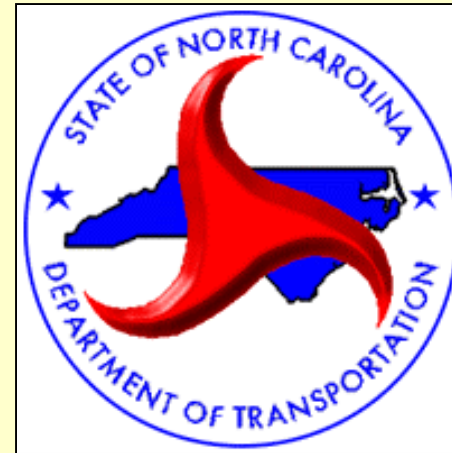


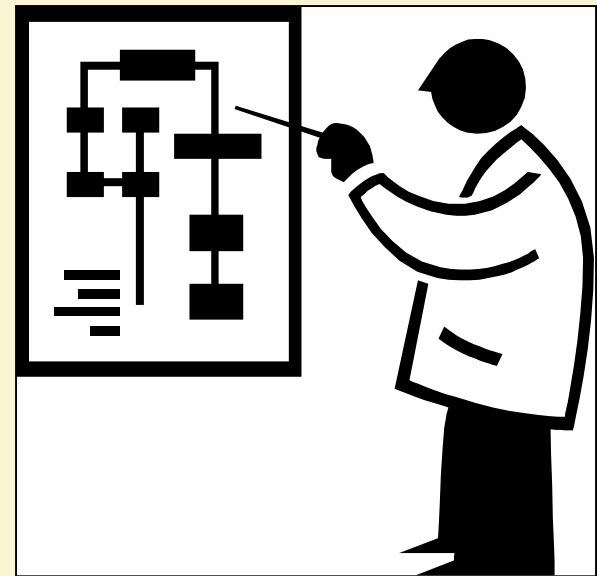
Transportation Planning Update for Lee County - DRAFT



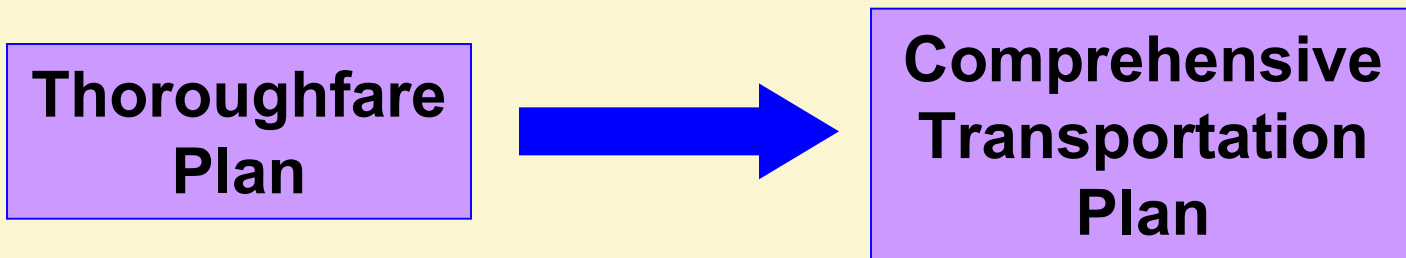
NCDOT Transportation Planning Branch
Joint Planning Commission - August 22, 2006

A Brief Refresher...

- *In 2005, NCDOT began working with Lee County, Sanford and Broadway to develop a county-wide long range transportation Plan*
- *As some of you may remember, Ellen Beckmann was the Transportation Planning Branch Engineer that began this study.*
- This transportation plan is called a Comprehensive Transportation Plan (CTP)



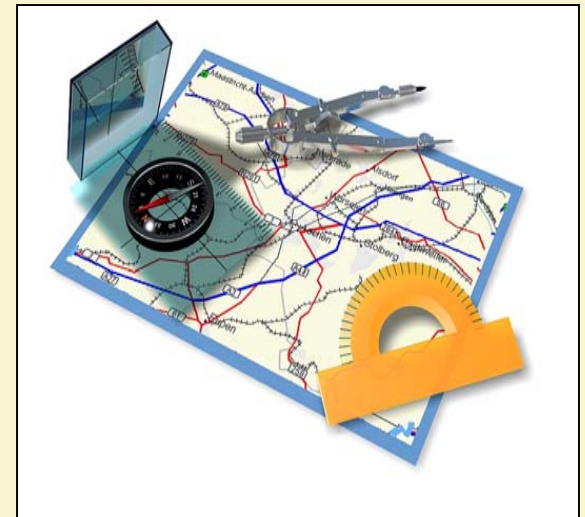
Updated Long Range Planning



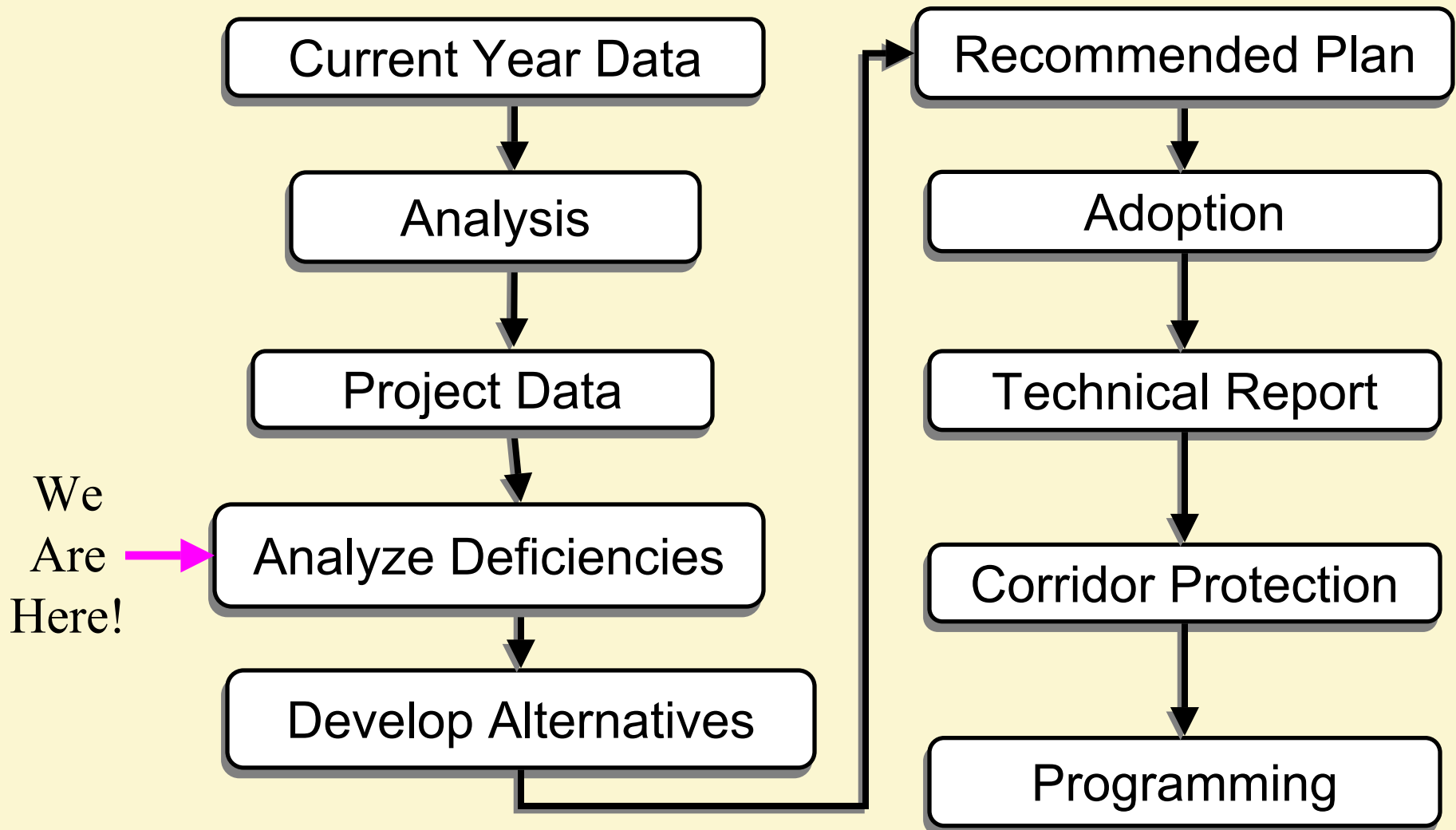
- Plans were previously in the Thoroughfare Plan Format
- New plans are being done in the Comprehensive Transportation Plan (CTP) Format

The CTP's final products

- Adoption Sheet
- 3 Maps
 - Highway Map
 - Bicycle Map
 - Rail and Public Transportation Map
- Technical Report



Transportation Planning Process: Review of Basic Steps



What Has Been Done So Far?

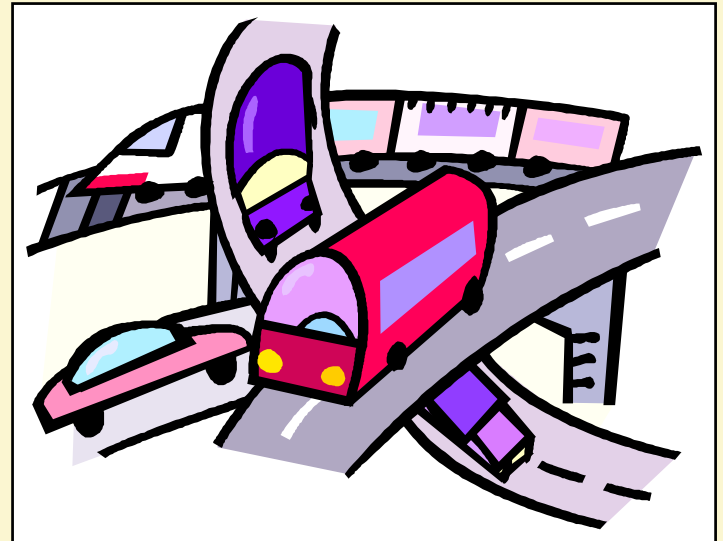
- *Committee Has Been formed*

- Includes members from all 3 governments, School Board, NCDOT, Triangle Area RPO
- Have been meeting regularly

- *Public Involvement Survey*

- *Data Collection*

- Roadway conditions
- Land Use Plans
- Bicycle Plans
- Planned developments
- Crash Data



What Has Been Done So Far?

- *Highway Network Established*
- *LOS C Chosen, Planning Capacities determined*
- *Traffic Projections Completed out to 2035*
- ★ *Capacity Deficiencies Maps*

Finalizing the 2035 Capacity Deficiencies Map is the first major milestone in developing the Highway Map Recommendations.

All recommended roadway improvements or new location facilities that will be recommended by the CTP will be based on these “problems”

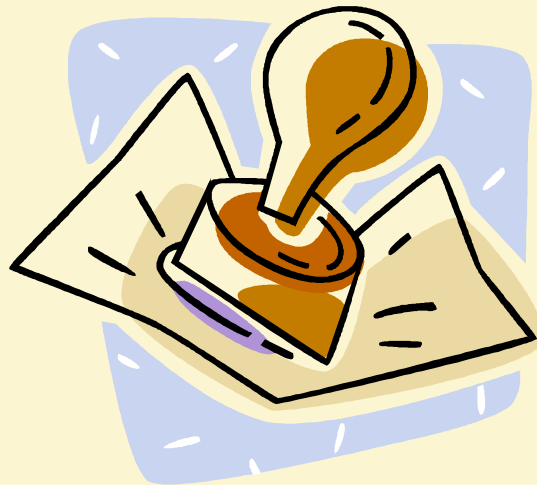
The Next Steps

- **Get agreement on Capacity Deficiencies Maps**
- **Analyze alternatives for Highway Map**
- **Complete Draft Highway Map**
- **Complete Draft Bike and Rail and Public Transportation Maps**
- **Public Involvement**
 - Drop-in Session(s)
 - Public Hearing(s)
- **Adoption/Enurement**
 - Local Adoption by County and Municipalities
 - Regional Endorsement by RPO
 - State Adoption by Board of Transportation



Our Purpose Tonight

**Get consensus on 2035 Capacity
Deficiencies Map!**



About the Map

- It was developed by using the ratio of projected 2035 traffic volume to current roadway capacities (V/C Ratio)
 - *It shows you how bad traffic will be in 30 years if NO construction takes place between now and then*
- Red Lines = Over Capacity in 2035
 - *Ratio > 1.0*
- Green Lines = Near Capacity in 2035
 - *Ratio = 0.8 to 1.0*
- Note that planning capacities are based on LOS C, so a designation of “over” means the roadway will be more crowded than is desirable during peak hour, *not* necessarily that there will be complete gridlock

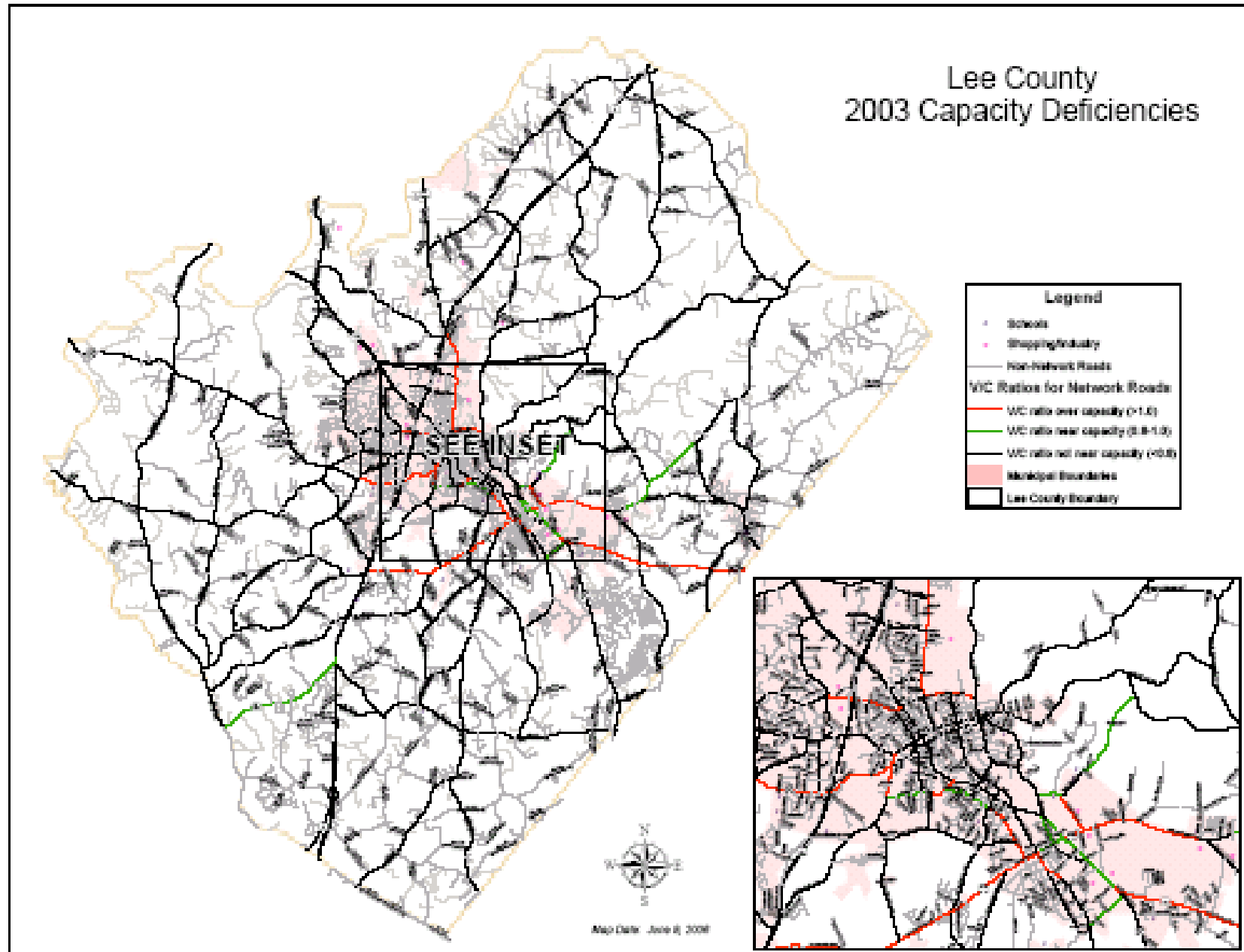
Level of Service (LOS)

LOS is a measure of how well a road functions. It ranges from A (best) to F (horrible traffic jam)

	A	B	C	D	E	F
Intersection Delay (control delay per vehicle, sec)	< 10	> 10 and < 20	> 20 and < 35	> 35 and < 55	> 55 and < 80	> 80
Maneuverability	Almost Completely Unimpeded	Only Slightly Restricted	Noticeably Restricted	Severely Limited	Extremely Unstable	Almost None
Driver Comfort	High	High	Some Tension	Poor	Extremely Poor	The Lowest
Average Traveling Speed	Speed Limit	Close to Speed Limit	Close to Speed Limit	Some Slowing	Significantly Slower than Speed Limit	Significantly Slower than Speed Limit

LOS C was chosen for this CTP

2003 Capacity Deficiencies Map



2035 Capacity Deficiencies Map

Insert completed map
after aug 17 mtg

2035 Capacity Deficiencies Map

Any surprises?

Disagreements?

Other comments?

We want your feedback and agreement on this map so we can
proceed forward to the next step in the CTP Process -
Analyze Alternatives

**Remember: ALL Highway Map recommendations
will be based off of the Capacity Deficiencies
Map!**

Questions?

*If desired, we can meet with or present to
any other body you would like*

Contact:



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